ELSEVIER

Forensic Science International
113 (2000) 521–522

Forensic Science International

www.elsevier.com/locate/forsciint

Author index

Volume 113 (2000)

Abecia, E. **113**, 21
Aita, K. **113**, 183
Akkad, Y. **113**, 39
Aksoy, M.E. **113**, 303
Alkan, N. **113**, 303
Amendt, J. **113**, 309
Ameno, K. **113**, 397
Ameno, S. **113**, 397
Angyal, M. **113**, 25
Ansford, A.J. **113**, 497
Anslinger, K. **113**, 97
Aoki, Y. **113**, 245
Arıcan, N. **113**, 303
Augustin, C. **113**, 97, 133

Baasner, A. **113**, 113
Bachmann, L. **113**, 173
Banaschak, S. **113**, 3
Bednarz, J. **113**, 495
Beier, G. **113**, 219
Beike, J. **113**, 389
Bell, B. **113**, 21
Bender, K. **113**, 103
Beyleveld, D. **113**, 461
Boutrand, L. **113**, 25
Bratzke, H. **113**, 309
Braun, M. **113**, 281
Brenner, C.H. **113**, 55
Brinkmann, B. **113**, 3
Bromberger, A. **113**, 381
Bruchhaus, H. **113**, 87
Brüschweiler, W. **113**, 281
Bulnheim, U. **113**, 113
Büttner, A. **113**, 219, 435

Chattopadhyay, P.K. **113**, 29
Claussen, M. **113**, 87
Cleef, S. **113**, 29

Debertin, A.S. **113**, 199
Dettmeyer, R. **113**, 227, 357, 505
Dewa, K. **113**, 515
Dilger, M. **113**, 277
Dimo-Simonin, N. **113**, 97, 113
Dirnhofer, R. **113**, 281
Doi, M. **113**, 183
Dressler, J. **113**, 173
Du Chesne, A. **113**, 3
Du, P.-G. **113**, 147
Duelmer, M. **113**, 29

Echizen, N. **113**, 205
Edelmann, J. **113**, 39, 97, 113
Eguchi, A. **113**, 233
Egyed, B. **113**, 25
Eisenmenger, W. **113**, 219, 481
Elmas, I. **113**, 297
Engelmann, K. **113**, 495

Fink, T. **113**, 271, 277
Finn, D.P. **113**, 397
Frenkel, D.A. **113**, 501
Fujita, M.Q. **113**, 177, 193, 215, 373, 441
Füredi, S. **113**, 25

Gehring, K.-D. **113**, 315
Georg, T. **113**, 251
Goerke, R. **113**, 381, 413
Gotohda, T. **113**, 233
Götz, W. **113**, 199
Graw, M. **113**, 43, 91, 315
Grellner, W. **113**, 165, 251

Hamann, K. **113**, 109
Hanaoka, Y. **113**, 119
Hara, M. **113**, 133
Harbuz, M.S. **113**, 397
Hayashi, K. **113**, 119
Heinemann, A. **113**, 449
Heizmann, J. **113**, 97
Henke, J. **113**, 29
Henke, L. **113**, 29
Hering, S. **113**, 113
Hidding, M. **113**, 47
Hinojal, R. **113**, 21
Hubig, M. **113**, 219, 315

Ijiri, I. **113**, 397
Ikeda, R. **113**, 205
İnanıcı, M.A. **113**, 303
Inoue, H. **113**, 239, 367
Ishida, K. **113**, 127, 177, 193, 215, 375, 443
Ishii, A. **113**, 331
Itoh, Y. **113**, 139
Iwasa, M. **113**, 239, 367
Iwersen-Bergmann, S. **113**, 449

Jachau, K. **113**, 359
Jeffreys, A.J. **113**, 55
Jessop, D.S. **113**, 397
Jung, S. **113**, 97, 113
Junge, A. **113**, 97
Junge, M. **113**, 457, 495

Käferstein, H. **113**, 353, 403
Kajiwara, M. **113**, 119
Kakizaki, E. **113**, 189
Katsumata, Y. **113**, 491
Kido, A. **113**, 133
Kimura, H. **113**, 79, 345
Kinoshita, H. **113**, 397
Kitamura, O. **113**, 233
Kleemann, W.J. **113**, 33, 199
Klein, A. **113**, 87
Klueter, H. **113**, 109
Kobayashi, R. **113**, 139
Koch, R. **113**, 173
Kordon, A. **113**, 415
Körwitz, S. **113**, 199
Koyama, H. **113**, 239
Krause, D. **113**, 71, 113
Krettek, R. **113**, 309

PII: S0379-0738(00)00346-7

Kubo, S.-i. **113**, 233
Kubota, T. **113**, 397

Lehmann, N. **113**, 339
Lessig, R. **113**, 39
Li, Y.H. **113**, 143, 147
Lutz, S. **113**, 91, 97, 113

Madea, B. **113**, 227, 359, 389, 423, 505
Maeda, H. **113**, 127, 177, 193, 215, 375, 443
Maeda, T. **113**, 147
Maeno, Y. **113**, 239, 367
Mall, G. **113**, 219, 315, 435
Martínez-Cordero, A. **113**, 21
Martínez-Jarreta, B. **113**, 21
Masuda, T. **113**, 79
Matoba, R. **113**, 239, 367
Matsumoto, K. **113**, 345
Matsumura, S. **113**, 119
Meissner, C. **113**, 109
Menzen, M. **113**, 423
Meyer, E. **113**, 87
Michael, M. **113**, 71, 113
Minaguchi, K. **113**, 9, 119
Misawa, S. **113**, 183
Miyasaka, M. **113**, 515
Mohamed, S.A. **113**, 109
Morita, K. **113**, 233
Mukaida, M. **113**, 79, 345
Müller, C. **113**, 339, 381
Müller, C. **113**, 415
Müller, E. **113**, 173
Murai, T. **113**, 209
Mußhoff, F. **113**, 423
Musshoff, F. **113**, 359, 389
Myo-Thaik-Oo, **113**, 183

Nagao, M. **113**, 239, 367
Nakagawa, T. **113**, 265
Nakata, Y. **113**, 79
Nakayama, Y. **113**, 245
Neis, P. **113**, 277
Niess, C. **113**, 309
Nievas, P. **113**, 21
Nishi, K. **113**, 143, 147, 265
Nishimura, A. **113**, 143, 265

Oehmichen, M. **113**, 109
Ogawa, M. **113**, 443
Ogbuihi, S. **113**, 271
Ohashi, N. **113**, 183
Ohkubo, I. **113**, 143, 147
Ohshima, T. **113**, 153
Oikawa, H. **113**, 183
Oritani, S. **113**, 215, 375, 443

Pádár, Zs. **113**, 25
Parson, W. **113**, 97, 113
Penning, R. **113**, 435
Plate, I. **113**, 71
Poetsch, M. **113**, 113
Polat, O. **113**, 297
Priemer, F. **113**, 359
Pritchard, A.J. **113**, 497
Prohaska, C. **113**, 423
Püschel, K. **113**, 449, 457, 495

Quan, L. **113**, 177, 193, 215, 375, 443

Rittner, Ch. **113**, 1, 103, 277
Ro, A. **113**, 133, 209
Rohde, K. **113**, 165
Rothämel, T. **113**, 33

Saito, K. **113**, 133, 209
Sakoda, S. **113**, 215
Sakurai, K. **113**, 515
Sato, Y. **113**, 119
Sawada, S. **113**, 265
Schmidt, P. **113**, 359, 423, 505
Schmitt, C. **113**, 17, 47
Schmoldt, A. **113**, 409, 449
Schmolke, C. **113**, 423
Schneider, P.M. **113**, 103, 113
Schröer, K.-P. **113**, 17
Schulz, M. **113**, 409
Seitz, T. **113**, 43
Seno, H. **113**, 331
Seo, Y. **113**, 189
Shimotouge, K. **113**, 375, 443
Sözen, M.Ş. **113**, 303
Sponholz, G. **113**, 511
Staak, M. **113**, 17
Stein, S. **113**, 409, 449
Sticht, G. **113**, 353, 403
Stojanovski, G. **113**, 227
Strejc, P. **113**, 173
Subke, J. **113**, 289
Suzuki, O. **113**, 331
Svoboda, M. **113**, 339
Szczepaniak, S. **113**, 289
Szibor, R. **113**, 71

Takada, A. **113**, 133, 209
Takada, Y. **113**, 79
Takagi, T. **113**, 119
Takahama, K. **113**, 189
Takenaka, O. **113**, 9
Tamaki, K. **113**, 55
Tamaki, N. **113**, 119
Tanegashima, A. **113**, 265
Tanno, K. **113**, 183
Taupitz, J. **113**, 477
Thali, M.J. **113**, 281
Tokudome, S. **113**, 209
Tokunaga, I. **113**, 233
Tröger, H.D. **113**, 33
Tschernig, T. **113**, 199
Tsokos, M. **113**, 457
Tüzün, B. **113**, 297

Urban, R. **113**, 1
Usami, S. **113**, 205
Ushiyama, I. **113**, 143, 265

Vandenberghe, A. **113**, 25
Vatansever, S. **113**, 297
Vogt, S. **113**, 381, 415
Von Wurmb, N. **113**, 109

Wang, G. **113**, 345
Watanabe-Suzuki, K. **113**, 331
Wegener, R. **113**, 487
Wehner, F. **113**, 289
Wehner, H.-D. **113**, 289
Weichhold, G. **113**, 113
Weinmann, W. **113**, 339, 381, 415
Weis, S. **113**, 435
Weisser, H.-J. **113**, 91, 97
Wennig, R. **113**, 323
Wiedemann, A. **113**, 339
Wiese, M. **113**, 87
Williams, D.J. **113**, 497
Wilske, J. **113**, 165, 251
Wittig, H. **113**, 97, 113
Wolańska-Nowak, P. **113**, 63
Woller, J. **113**, 25
Wulf, J. **113**, 495

Yamamoto, Y. **113**, 143, 147, 265
Yamane, T. **113**, 147
Yamanouchi, H. **113**, 515
Yamauchi, M. **113**, 205
Yoshioka, N. **113**, 205
Yuan, J. **113**, 345

Zehner, R. **113**, 309
Zhu, B.-L. **113**, 127, 177, 193, 215, 375, 443

ELSEVIER

Forensic Science International
113 (2000) 523–531

Forensic Science International

www.elsevier.com/locate/forsciint

Subject index

Volume 113 (2000)

ABO blood group variants; Lewis blood group, Genotypes, Primer extension preamplification (PEP), Bloodstains **113**, 139

Abortion; Criminal abortion **113**, 497

Accident; Forensic autopsy, Epidemiology, Child abuse, Elderly abuse, Domestic violence **113**, 215

Accident reconstruction; Crime reconstruction, Computer aided visualization **113**, 277

Actins; DNA, Electrophoresis, Capillary, Methods, Reproducibility **113**, 33

Aging; Japanese population, LDLR polymorphism **113**, 133

Allelic variants; Multiplex STR profiling, Romany population, Population genetics **113**, 25

Alzheimer type dementia; Glycoconjugates, Degenerative changes in the white matter of the brain, Down's syndrome, Lectin-histochemical staining **113**, 265

Amelogenin; Ancient DNA, Molecular anthropology, Sex determination **113**, 87

Amelogenin; Autopsy, Klinefelter's syndrome, DNA analysis, STR **113**, 119

Analytical toxicology; Hallucinogenic mushrooms, Psilocybe, Psilocybin, Psilocin, Morphology **113**, 389

Analytical toxicology; Threshold values, Risk assessment, Forensic toxicology, Drugs and driving, Interpretation **113**, 323

Ancient DNA; Molecular anthropology, Amelogenin, Sex determination **113**, 87

Animated model; Three-dimensional photorealistic documentation in colour, 3-D wound measurement, Reconstruction **113**, 289

Arginine vasopressin mRNA; Hypothalamo–pituitary–adrenal axis, Corticotrophin releasing factor mRNA, Proopiomelanocortin mRNA, Corticosterone, Cyanamide **113**, 397

Arsenic poisoning; Sarin terrorism, Cryogenic oven trapping, Surface ionization organic mass spectrometry **113**, 331

Astrocyte; Neurotoxicant, Pathology, Toluene, Rat brain, Neurotrophic factor **113**, 233

Attitude; Autopsy, Medical student, Medical education **113**, 303

Autopsy; Klinefelter's syndrome, DNA analysis, Amelogenin, STR **113**, 119

Autopsy; Medical student, Attitude, Medical education **113**, 303

Axon reaction; Cell culture, Cytoskeleton, Head injuries, Closed, PC12 cells **113**, 245

Benzodiazepines; Solid-phase extraction, Gas chromatography–mass spectrometry **113**, 367

Bioethics; Organ transplantation, In-vitro fertilization, Euthanasia, Ethics committee **113**, 491

β-Blocker; Suicide, Insulin, Pulmonary thrombembolism, Hypoglycemia, Lethal **113**, 457

Blood cells; Mitochondrial DNA, Deletion, Real-time PCR **113**, 109

Bloodstains; ABO blood group variants, Lewis blood group, Genotypes, Primer extension preamplification (PEP) **113**, 139

Body fluids; Psilocin, Psilocybin, Magic mushrooms **113**, 403

Bone marrow; Forensic toxicology, Carboxyhemoglobin, Gas chromatography/mass spectrometry, Thermocoagulated blood **113**, 375

Bones; Brain, Identification, DNA typing, PCR, Skull **113**, 91

Brain; Dopamine, Salsolinol, Norsalsolinol, Enantiomeric composition, Human, GC/MS analysis **113**, 359

Brain; Identification, DNA typing, PCR, Skull, Bones **113**, 91

PII: S0379-0738(00)00347-9

Brain death; Fentanyl, Non-radioactive immunoassay, Serum, Drug abuse, Screening method, Enzyme immunoassay **113**, 353

Brain pathology; Pontocerebellar hypoplasia, Infant pathology, Sudden death **113**, 165

Cannabinoids; LC/MS, Tandem-mass spectrometry, Glucuronide, Urine analysis **113**, 381

Capillary; DNA, Actins, Electrophoresis, Methods, Reproducibility **113**, 33

Carboxyhemoglobin; Forensic toxicology, Gas chromatography/mass spectrometry, Thermocoagulated blood, Bone marrow **113**, 375

Cardiomyocyte; Methamphetamine, Cardiotoxicity, Microtubule, Hypertrophy **113**, 239

Cardiotoxicity; Methamphetamine, Microtubule, Cardiomyocyte, Hypertrophy **113**, 239

Case studies; Forensic entomology, Post mortem interval **113**, 309

Casework; Forensic identification, Mitochondrial DNA typing, Human bone DNA **113**, 103

Case-based learning; Narrative approach, Ethics, Education **113**, 515

cDNA structure; Dipeptidyl peptidyl peptidase III, Rat liver, Cytosol, Immunohistocheistry **113**, 147

Cell biological methods; Forensic pathology, Wound examination **113**, 153

Cell culture; Axon reaction, Cytoskeleton, Head injuries, Closed, PC12 cells **113**, 245

Child abuse; Forensic autopsy, Epidemiology, Elderly abuse, Domestic violence, Accident **113**, 215

Chlorpromazine; Drug analysis, Methamphetamine, Desipramine, Dual-label time-resolved fluoroimmunoassay **113**, 345

Chronic subdural haematoma; Non-traumatic, Head injury **113**, 271

Citalopram; LCMS, Electrospray ionisation, Hair analysis, Maprotiline, Pipamperone **113**, 415

Closed; Axon reaction, Cell culture, Cytoskeleton, Head injuries, PC12 cells **113**, 245

Coancestry coefficient; Identification, Short tandem repeat (STR) loci, Evidence value **113**, 63

Complement-binding-system; Heroin-associated glomerulonephritis, Inflammatory activity, Immunohistochemistry, Immunoglobulin **113**, 227

Complication; Forensic autopsy, Epidemiology, Methamphetamine, Drug abuse **113**, 443

Computer aided visualization; Accident reconstruction, Crime reconstruction **113**, 277

Cornea; Transplantation, Organ culture, Intermediate **113**, 495

Coronary embolism; Papillary fibroelastoma, Myocardial infarction, Sudden death **113**, 209

Corticosterone; Hypothalamo–pituitary–adrenal axis, Corticotrophin releasing factor mRNA, Arginine vasopressin mRNA, Proopiomelanocortin mRNA, Cyanamide **113**, 397

Corticotrophin releasing factor mRNA; Hypothalamo–pituitary–adrenal axis, Arginine vasopressin mRNA, Proopiomelanocortin mRNA, Corticosterone, Cyanamide **113**, 397

Crime reconstruction; Accident reconstruction, Computer aided visualization **113**, 277

Criminal abortion; Abortion **113**, 497

Cryogenic oven trapping; Sarin terrorism, Arsenic poisoning, Surface ionization organic mass spectrometry **113**, 331

Cyanamide; Hypothalamo–pituitary–adrenal axis, Corticotrophin releasing factor mRNA, Arginine vasopressin mRNA, Proopiomelanocortin mRNA, Corticosterone **113**, 397

Cytoskeleton; Axon reaction, Cell culture, Head injuries, Closed, PC12 cells **113**, 245

Cytosol; Dipeptidyl peptidyl peptidase III, Rat liver, cDNA structure, Immunohistocheistry **113**, 147

Cytosolic alanyl aminopeptidase; Puromycin-sensitive aminopeptidase, Human liver, Purification, Immunohistochemistry **113**, 143

C-reactive protein; Immunohistochimistry, Survival time, Forensic pathology **113**, 177

D12S391; D1S1656, D18S51, Forensic, STR, Multiplex **113**, 17

D12S391; Short tandem repeats, HUMCSF1PO, HUMF13A01, HUMFES/FPS, Population genetics, Spain **113**, 21

D18S51; D1S1656, D12S391, Forensic, STR, Multiplex **113**, 17

D1S1656; D12S391, D18S51, Forensic, STR, Multiplex **113**, 17

3-D CAD; Patterned injuries, Forensic photogrammetry, Forensic documentation, Tire tracks, Morphologic fingerprint **113**, 281

3-D wound measurement; Three-dimensional photorealistic documentation in colour, Animated model, Reconstruction **113**, 289

Database; mtDNA, Potential of individualisation, Pairwise se-

quence differences, European caucasians, Ethnic differentiation **113**, 113

Database; Y chromosome, Short tandem repeats, PCR **113**, 43

Database; Y-Chromosome, STR-haplotype, Multiplex **113**, 47

Degenerative changes in the white matter of the brain; Glycoconjugates, Alzheimer type dementia, Down's syndrome, Lectin-histochemical staining **113**, 265

Deletion; Mitochondrial DNA, Real-time PCR, Blood cells **113**, 109

Desipramine; Drug analysis, Methamphetamine, Chlorpromazine, Dual-label time-resolved fluoroimmunoassay **113**, 345

Dipeptidyl peptidyl peptidase III; Rat liver, Cytosol, cDNA structure, Immunohistocheistry **113**, 147

Discriminant analysis; Identification, Sex determination, Femur **113**, 315

DNA; Actins, Electrophoresis, Capillary, Methods, Reproducibility **113**, 33

DNA; STR, Population study, Jat Sikhs, N. India, Forensic science **113**, 29

DNA analysis; Autopsy, Klinefelter's syndrome, Amelogenin, STR **113**, 119

DNA examinations; Interchanging, Histological slides, Pathology **113**, 3

DNA typing; Brain, Identification, PCR, Skull, Bones **113**, 91

Domestic violence; Forensic autopsy, Epidemiology, Child abuse, Elderly abuse, Accident **113**, 215

Dopamine; Salsolinol, Norsalsolinol, Enantiomeric composition, Brain, Human, GC/MS analysis **113**, 359

Down's syndrome; Glycoconjugates, Degenerative changes in the white matter of the brain, Alzheimer type dementia, Lectin-histochemical staining **113**, 265

Drug abuse; Fentanyl, Non-radioactive immunoassay, Serum, Brain death, Screening method, Enzyme immunoassay **113**, 353

Drug abuse; Forensic autopsy, Epidemiology, Methamphetamine, Complication **113**, 443

Drug analysis; Methamphetamine, Chlorpromazine, Desipramine, Dual-label time-resolved fluoroimmunoassay **113**, 345

Drugs; LC-MS, Tandem mass spectrometry, Mass spectra libraries, Lorazepam, Sildenafil **113**, 339

Drugs and driving; Threshold values, Risk assessment, Analytical toxicology, Forensic toxicology, Interpretation **113**, 323

Drug-related death; Methadone maintenance, Poisoning, Mortality **113**, 449

Drug-related fatalities of morphine addicts; Human cerebral cortex, Immunohistochemistry, δ-Opioid receptor **113**, 423

Dual-label time-resolved fluoroimmunoassay; Drug analysis, Methamphetamine, Chlorpromazine, Desipramine **113**, 345

D-loop database; Mitochondrial DNA, Hypervariable regions, D-loop region, PCR, Sequencing **113**, 97

D-loop region; Mitochondrial DNA, Hypervariable regions, D-loop database, PCR, Sequencing **113**, 97

Education; Narrative approach, Ethics, Case-based learning **113**, 515

Elastase III; Pancreas-specific antigen, Pancreas injuries, Enzyme immunoassay **113**, 189

Elderly abuse; Forensic autopsy, Epidemiology, Child abuse, Domestic violence, Accident **113**, 215

Electrophoresis; DNA, Actins, Capillary, Methods, Reproducibility **113**, 33

Electrospray ionisation; LCMS, Hair analysis, Maprotiline, Citalopram, Pipamperone **113**, 415

Embryo research; Preimplantation, Genetic diagnosis, Ethics **113**, 461

Enantiomeric composition; Dopamine, Salsolinol, Norsalsolinol, Brain, Human, GC/MS analysis **113**, 359

Enzyme immunoassay; Elastase III, Pancreas-specific antigen, Pancreas injuries **113**, 189

Enzyme immunoassay; Fentanyl, Non-radioactive immunoassay, Serum, Drug abuse, Brain death, Screening method **113**, 353

Epidemiology; Forensic autopsy, Child abuse, Elderly abuse, Domestic violence, Accident **113**, 215

Epidemiology; Forensic autopsy, Methamphetamine, Drug abuse, Complication **113**, 443

Ethics; Embryo research, Preimplantation, Genetic diagnosis **113**, 461

Ethics; Narrative approach, Education, Case-based learning **113**, 515

Ethics committee; Organ transplantation, In-vitro fertilization, Euthanasia, Bioethics **113**, 491

Ethnic differentiation; mtDNA, Database, Potential of individualisation, Pairwise sequence differences, European caucasians **113**, 113

European caucasians; mtDNA, Database, Potential of individ-

ualisation, Pairwise sequence differences, Ethnic differentiation **113**, 113

Euthanasia; Organ transplantation, In-vitro fertilization, Bioethics, Ethics committee **113**, 491

Evidence value; Identification, Short tandem repeat (STR) loci, Coancestry coefficient **113**, 63

Family court; Patients rights, Informed consent, Parental authority, Parental care **113**, 483

Fatal intoxication; Melperone, Plasma level, Toxicological analysis **113**, 409

Femur; Identification, Sex determination, Discriminant analysis **113**, 315

Fentanyl; Non-radioactive immunoassay, Serum, Drug abuse, Brain death, Screening method, Enzyme immunoassay **113**, 353

Firearms; Mitochondrial DNA, STR, Stain identification, Strangulation tools **113**, 71

Forensic; D1S1656, D12S391, D18S51, STR, Multiplex **113**, 17

Forensic autopsy; Epidemiology, Child abuse, Elderly abuse, Domestic violence, Accident **113**, 215

Forensic autopsy; Epidemiology, Methamphetamine, Drug abuse, Complication **113**, 443

Forensic documentation; Patterned injuries, Forensic photogrammetry, 3-D CAD, Tire tracks, Morphologic fingerprint **113**, 281

Forensic entomology; Post mortem interval, Case studies **113**, 309

Forensic identification; Mitochondrial DNA typing, Human bone DNA, Casework **113**, 103

Forensic pathology; C-reactive protein, Immunohistochimistry, Survival time **113**, 177

Forensic pathology; Pulmonary surfactant apoprotein A, Immunohistochemistry, Respiratory distress **113**, 193

Forensic pathology; Quantitative reverse transcription-PCR, TaqMan fluorogenic detection system, Surfactant apoprotein A, Real-time PCR **113**, 127

Forensic pathology; Wound examination, Cell biological methods **113**, 153

Forensic photogrammetry; Patterned injuries, 3-D CAD, Forensic documentation, Tire tracks, Morphologic fingerprint **113**, 281

Forensic science; DNA, STR, Population study, Jat Sikhs, N. India **113**, 29

Forensic toxicology; Carboxyhemoglobin, Gas chromatography/mass spectrometry, Thermocoagulated blood, Bone marrow **113**, 375

Forensic toxicology; Threshold values, Risk assessment, Analytical toxicology, Drugs and driving, Interpretation **113**, 323

Fragmentary tissue; Identification, PCR–SSP, TaqMan PCR, Mitochondrial DNA, STR-marker **113**, 79

Gas chromatography/mass spectrometry; Forensic toxicology, Carboxyhemoglobin, Thermocoagulated blood, Bone marrow **113**, 375

Gas chromatography–mass spectrometry; Benzodiazepines, Solid-phase extraction **113**, 367

GC/MS analysis; Dopamine, Salsolinol, Norsalsolinol, Enantiomeric composition, Brain, Human **113**, 359

Genetic diagnosis; Embryo research, Preimplantation, Ethics **113**, 461

Genotypes; ABO blood group variants, Lewis blood group, Primer extension preamplification (PEP), Bloodstains **113**, 139

Glucuronide; LC/MS, Tandem-mass spectrometry, Cannabinoids, Urine analysis **113**, 381

Glycoconjugates; Degenerative changes in the white matter of the brain, Alzheimer type dementia, Down's syndrome, Lectin-histochemical staining **113**, 265

Hair analysis; LCMS, Electrospray ionisation, Maprotiline, Citalopram, Pipamperone **113**, 415

Hallucinogenic mushrooms; Psilocybe, Psilocybin, Psilocin, Morphology, Analytical toxicology **113**, 389

Head injuries; Axon reaction, Cell culture, Cytoskeleton, Closed, PC12 cells **113**, 245

Head injury; Chronic subdural haematoma, Non-traumatic **113**, 271

Heroin; Hypoxic/ischemic brain damage, Receptor, Spongiform leukoencephalopathy, Stroke, Transverse myelopathy **113**, 435

Heroin-associated glomerulonephritis; Complement-binding-system, Inflammatory activity, Immunohistochemistry, Immunoglobulin **113**, 227

Histological slides; Interchanging, Pathology, DNA examinations **113**, 3

HumACTBP2; STR, Population genetics, Sequencing, Mutation **113**, 39

Human; Dopamine, Salsolinol, Norsalsolinol, Enantiomeric composition, Brain, GC/MS analysis **113**, 359

Human bone DNA; Forensic identification, Mitochondrial DNA typing, Casework **113**, 103

Human cerebral cortex; Drug-related fatalities of morphine addicts, Immunohistochemistry, δ-Opioid receptor **113**, 423

Human liver; Cytosolic alanyl aminopeptidase, Puromycin-sensitive aminopeptidase, Purification, Immunohistochemistry **113**, 143

HUMCSF1PO; Short tandem repeats, HUMF13A01, HUMFES/FPS, D12S391, Population genetics, Spain **113**, 21

HUMF13A01; Short tandem repeats, HUMCSF1PO, HUMFES/FPS, D12S391, Population genetics, Spain **113**, 21

HUMFES/FPS; Short tandem repeats, HUMCSF1PO, HUMF13A01, D12S391, Population genetics, Spain **113**, 21

Hypertrophy; Methamphetamine, Cardiotoxicity, Microtubule, Cardiomyocyte **113**, 239

Hypervariable regions; Mitochondrial DNA, D-loop region, D-loop database, PCR, Sequencing **113**, 97

Hypoglycemia, Lethal; Suicide, Insulin, β-Blocker, Pulmonary thrombembolism **113**, 457

Hypothalamo–pituitary–adrenal axis; Corticotrophin releasing factor mRNA, Arginine vasopressin mRNA, Proopiomelanocortin mRNA, Corticosterone, Cyanamide **113**, 397

Hypoxic/ischemic brain damage; Heroin, Receptor, Spongiform leukoencephalopathy, Stroke, Transverse myelopathy **113**, 435

ICAM-1; VCAM-1, Selectins, Wound age, Immunohistochemistry **113**, 173

Identification; Brain, DNA typing, PCR, Skull, Bones **113**, 91

Identification; PCR–SSP, TaqMan PCR, Mitochondrial DNA, STR-marker, Fragmentary tissue **113**, 79

Identification; Sex determination, Femur, Discriminant analysis **113**, 315

Identification; Short tandem repeat (STR) loci, Evidence value, Coancestry coefficient **113**, 63

Immunoglobulin; Heroin-associated glomerulonephritis, Complement-binding-system, Inflammatory activity, Immunohistochemistry **113**, 227

Immunohistocheistry; Dipeptidyl peptidyl peptidase III, Rat liver, Cytosol, cDNA structure **113**, 147

Immunohistochemistry; Cytosolic alanyl aminopeptidase, Puromycin-sensitive aminopeptidase, Human liver, Purification **113**, 143

Immunohistochemistry; Drug-related fatalities of morphine addicts, Human cerebral cortex, δ-Opioid receptor **113**, 423

Immunohistochemistry; Forensic pathology, Pulmonary surfactant apoprotein A, Respiratory distress **113**, 193

Immunohistochemistry; Heroin-associated glomerulonephritis, Complement-binding-system, Inflammatory activity, Immunoglobulin **113**, 227

Immunohistochemistry; ICAM-1, VCAM-1, Selectins, Wound age **113**, 173

Immunohistochimistry; C-reactive protein, Survival time, Forensic pathology **113**, 177

Infant pathology; Pontocerebellar hypoplasia, Brain pathology, Sudden death **113**, 165

Inflammatory activity; Heroin-associated glomerulonephritis, Complement-binding-system, Immunohistochemistry, Immunoglobulin **113**, 227

Informed consent; Patients rights, Parental authority, Parental care, Family court **113**, 483

Insulin; Suicide, β-Blocker, Pulmonary thrombembolism, Hypoglycemia, Lethal **113**, 457

Insulin-like growth factor system (IGF-I, -II -IR); Sudden infant death syndrome, Internal organ growth **113**, 199

Interchanging; Histological slides, Pathology, DNA examinations **113**, 3

Interleukin-1β; Proinflammatory cytokines, Interleukin-6, Tumour necrosis factor alpha, Wound age, Vitality **113**, 251

Interleukin-6; Proinflammatory cytokines, Interleukin-1β, Tumour necrosis factor alpha, Wound age, Vitality **113**, 251

Intermediate; Transplantation, Cornea, Organ culture **113**, 495

Internal organ growth; Insulin-like growth factor system (IGF-I, -II -IR), Sudden infant death syndrome **113**, 199

Interpretation; Threshold values, Risk assessment, Analytical toxicology, Forensic toxicology, Drugs and driving **113**, 323

In-vitro fertilization; Organ transplantation, Euthanasia, Bioethics, Ethics committee **113**, 491

Japanese population; LDLR polymorphism, Aging **113**, 133

Jat Sikhs; DNA, STR, Population study, N. India, Forensic science **113**, 29

Klinefelter's syndrome; Autopsy, DNA analysis, Amelogenin, STR **113**, 119

LC/MS; Tandem-mass spectrometry, Cannabinoids, Glucuronide, Urine analysis **113**, 381

LCMS; Electrospray ionisation, Hair analysis, Maprotiline, Citalopram, Pipamperone **113**, 415

LC-MS; Tandem mass spectrometry, Mass spectra libraries, Drugs, Lorazepam, Sildenafil **113**, 339

LDLR polymorphism; Japanese population, Aging **113**, 133

Lectin-histochemical staining; Glycoconjugates, Degenerative changes in the white matter of the brain, Alzheimer type dementia, Down's syndrome **113**, 265

Lewis blood group; ABO blood group variants, Genotypes, Primer extension preamplification (PEP), Bloodstains **113**, 139

Lorazepam; LC-MS, Tandem mass spectrometry, Mass spectra libraries, Drugs, Sildenafil **113**, 339

Magic mushrooms; Psilocin, Psilocybin, Body fluids **113**, 403

Maprotiline; LCMS, Electrospray ionisation, Hair analysis, Citalopram, Pipamperone **113**, 415

Mass spectra libraries; LC-MS, Tandem mass spectrometry, Drugs, Lorazepam, Sildenafil **113**, 339

Medical education; Autopsy, Medical student, Attitude **113**, 303

Medical student; Autopsy, Attitude, Medical education **113**, 303

Melperone; Fatal intoxication, Plasma level, Toxicological analysis **113**, 409

Methadone maintenance; Drug-related death, Poisoning, Mortality **113**, 449

Methamphetamine; Cardiotoxicity, Microtubule, Cardiomyocyte, Hypertrophy **113**, 239

Methamphetamine; Drug analysis, Chlorpromazine, Desipramine, Dual-label time-resolved fluoroimmunoassay **113**, 345

Methamphetamine; Forensic autopsy, Epidemiology, Drug abuse, Complication **113**, 443

Methods; DNA, Actins, Electrophoresis, Capillary, Reproducibility **113**, 33

Microtubule; Methamphetamine, Cardiotoxicity, Cardiomyocyte, Hypertrophy **113**, 239

Minisatellite; MVR-PCR, Paternity test, Mutation **113**, 55

Mitochondrial DNA; Deletion, Real-time PCR, Blood cells **113**, 109

Mitochondrial DNA; Hypervariable regions, D-loop region, D-loop database, PCR, Sequencing **113**, 97

Mitochondrial DNA; Identification, PCR–SSP, TaqMan PCR, STR-marker, Fragmentary tissue **113**, 79

Mitochondrial DNA; STR, Stain identification, Strangulation tools, Firearms **113**, 71

Mitochondrial DNA typing; Forensic identification, Human bone DNA, Casework **113**, 103

Molecular anthropology; Ancient DNA, Amelogenin, Sex determination **113**, 87

Morphologic fingerprint; Patterned injuries, Forensic photogrammetry, 3-D CAD, Forensic documentation, Tire tracks **113**, 281

Morphology; Hallucinogenic mushrooms, Psilocybe, Psilocybin, Psilocin, Analytical toxicology **113**, 389

Mortality; Drug-related death, Methadone maintenance, Poisoning **113**, 449

mtDNA; Database, Potential of individualisation, Pairwise sequence differences, European caucasians, Ethnic differentiation **113**, 113

Multiplex; D1S1656, D12S391, D18S51, Forensic, STR **113**, 17

Multiplex; Y-Chromosome, STR-haplotype, Database **113**, 47

Multiplex STR profiling; Allelic variants, Romany population, Population genetics **113**, 25

Mutation; Minisatellite, MVR-PCR, Paternity test **113**, 55

Mutation; STR, HumACTBP2, Population genetics, Sequencing **113**, 39

MVR-PCR; Minisatellite, Paternity test, Mutation **113**, 55

Myocardial infarction; Papillary fibroelastoma, Coronary embolism, Sudden death **113**, 209

N. India; DNA, STR, Population study, Jat Sikhs, Forensic science **113**, 29

Narrative approach; Ethics, Education, Case-based learning **113**, 515

Neurotoxicant; Astrocyte, Pathology, Toluene, Rat brain, Neurotrophic factor **113**, 233

Neurotrophic factor; Neurotoxicant, Astrocyte, Pathology, Toluene, Rat brain **113**, 233

Non-radioactive immunoassay; Fentanyl, Serum, Drug abuse, Brain death, Screening method, Enzyme immunoassay **113**, 353

Non-traumatic; Chronic subdural haematoma, Head injury **113**, 271

Norsalsolinol; Dopamine, Salsolinol, Enantiomeric composition, Brain, Human, GC/MS analysis **113**, 359

δ-Opioid receptor; Drug-related fatalities of morphine addicts, Human cerebral cortex, Immunohistochemistry **113**, 423

Organ culture; Transplantation, Cornea, Intermediate **113**, 495

Organ transplantation; In-vitro fertilization, Euthanasia, Bioethics, Ethics committee **113**, 491

Pairwise sequence differences; mtDNA, Database, Potential of individualisation, European caucasians, Ethnic differentiation **113**, 113

Pancreas injuries; Elastase III, Pancreas-specific antigen, Enzyme immunoassay **113**, 189

Pancreas-specific antigen; Elastase III, Pancreas injuries, Enzyme immunoassay **113**, 189

Papillary fibroelastoma; Coronary embolism, Myocardial infarction, Sudden death **113**, 209

Parental authority; Patients rights, Informed consent, Parental care, Family court **113**, 483

Parental care; Patients rights, Informed consent, Parental authority, Family court **113**, 483

Paternity test; Minisatellite, MVR-PCR, Mutation **113**, 55

Pathology; Interchanging, Histological slides, DNA examinations **113**, 3

Pathology; Neurotoxicant, Astrocyte, Toluene, Rat brain, Neurotrophic factor **113**, 233

Patients rights; Informed consent, Parental authority, Parental care, Family court **113**, 483

Patterned injuries; Forensic photogrammetry, 3-D CAD, Forensic documentation, Tire tracks, Morphologic fingerprint **113**, 281

PC12 cells; Axon reaction, Cell culture, Cytoskeleton, Head injuries, Closed **113**, 245

PCR; Brain, Identification, DNA typing, Skull, Bones **113**, 91

PCR; Mitochondrial DNA, Hypervariable regions, D-loop region, D-loop database, Sequencing **113**, 97

PCR; Y chromosome, Short tandem repeats, Database **113**, 43

PCR–SSP; Identification, TaqMan PCR, Mitochondrial DNA, STR-marker, Fragmentary tissue **113**, 79

Persistent vegetative state; Withdrawal of gastric feeding tubes, Starvation **113**, 505

Pipamperone; LCMS, Electrospray ionisation, Hair analysis, Maprotiline, Citalopram **113**, 415

Plasma level; Melperone, Fatal intoxication, Toxicological analysis **113**, 409

Poisoning; Drug-related death, Methadone maintenance, Mortality **113**, 449

Pontocerebellar hypoplasia; Brain pathology, Infant pathology, Sudden death **113**, 165

Population genetics; Multiplex STR profiling, Allelic variants, Romany population **113**, 25

Population genetics; Short tandem repeats, HUMCSF1PO, HUMF13A01, HUMFES/FPS, D12S391, Spain **113**, 21

Population genetics; STR, HumACTBP2, Sequencing, Mutation **113**, 39

Population study; DNA, STR, Jat Sikhs, N. India, Forensic science **113**, 29

Post mortem interval; Forensic entomology, Case studies **113**, 309

Postmortem cooling; Skin temperature, Temperature decrease rate **113**, 219

Potential of individualisation; mtDNA, Database, Pairwise sequence differences, European caucasians, Ethnic differentiation **113**, 113

Preimplantation; Embryo research, Genetic diagnosis, Ethics **113**, 461

Primates; VWA locus, STRs, Sequence variation **113**, 9

Primer extension preamplification (PEP); ABO blood group variants, Lewis blood group, Genotypes, Bloodstains **113**, 139

Proinflammatory cytokines; Interleukin-1β, Interleukin-6, Tumour necrosis factor alpha, Wound age, Vitality **113**, 251

Proopiomelanocortin mRNA; Hypothalamo–pituitary–adrenal axis, Corticotrophin releasing factor mRNA, Arginine vasopressin mRNA, Corticosterone, Cyanamide **113**, 397

Psilocin; Hallucinogenic mushrooms, Psilocybe, Psilocybin, Morphology, Analytical toxicology **113**, 389

Psilocin; Psilocybin, Body fluids, Magic mushrooms **113**, 403

Psilocybe; Hallucinogenic mushrooms, Psilocybin, Psilocin, Morphology, Analytical toxicology **113**, 389

Psilocybin; Hallucinogenic mushrooms, Psilocybe, Psilocin, Morphology, Analytical toxicology **113**, 389

Psilocybin; Psilocin, Body fluids, Magic mushrooms **113**, 403

Psycho-socio-cultural factors; Suicide attempt **113**, 297

Pulmonary surfactant apoprotein A; Forensic pathology, Immunohistochemistry, Respiratory distress **113**, 193

Pulmonary thrombembolism; Suicide, Insulin, β-Blocker, Hypoglycemia, Lethal **113**, 457

Purification; Cytosolic alanyl aminopeptidase, Puromycin-sensitive aminopeptidase, Human liver, Immunohistochemistry **113**, 143

Puromycin-sensitive aminopeptidase; Cytosolic alanyl aminopeptidase, Human liver, Purification, Immunohistochemistry **113**, 143

Quantitative reverse transcription-PCR; Forensic pathology, TaqMan fluorogenic detection system, Surfactant apoprotein A, Real-time PCR **113**, 127

Rat brain; Neurotoxicant, Astrocyte, Pathology, Toluene, Neurotrophic factor **113**, 233

Rat liver; Dipeptidyl peptidyl peptidase III, Cytosol, cDNA structure, Immunohistocheistry **113**, 147

Real-time PCR; Forensic pathology, Quantitative reverse transcription-PCR, TaqMan fluorogenic detection system, Surfactant apoprotein A **113**, 127

Real-time PCR; Mitochondrial DNA, Deletion, Blood cells **113**, 109

Receptor; Heroin, Hypoxic/ischemic brain damage, Spongiform leukoencephalopathy, Stroke, Transverse myelopathy **113**, 435

Reconstruction; Three-dimensional photorealistic documentation in colour, 3-D wound measurement, Animated model **113**, 289

Reproducibility; DNA, Actins, Electrophoresis, Capillary, Methods **113**, 33

Respiratory distress; Forensic pathology, Pulmonary surfactant apoprotein A, Immunohistochemistry **113**, 193

Risk assessment; Threshold values, Analytical toxicology, Forensic toxicology, Drugs and driving, Interpretation **113**, 323

Romany population; Multiplex STR profiling, Allelic variants, Population genetics **113**, 25

Salsolinol; Dopamine, Norsalsolinol, Enantiomeric composition, Brain, Human, GC/MS analysis **113**, 359

Sarin terrorism; Arsenic poisoning, Cryogenic oven trapping, Surface ionization organic mass spectrometry **113**, 331

Screening method; Fentanyl, Non-radioactive immunoassay, Serum, Drug abuse, Brain death, Enzyme immunoassay **113**, 353

Selectins; ICAM-1, VCAM-1, Wound age, Immunohistochemistry **113**, 173

Sequence variation; VWA locus, STRs, Primates **113**, 9

Sequencing; Mitochondrial DNA, Hypervariable regions, D-loop region, D-loop database, PCR **113**, 97

Sequencing; STR, HumACTBP2, Population genetics, Mutation **113**, 39

Serum; Fentanyl, Non-radioactive immunoassay, Drug abuse, Brain death, Screening method, Enzyme immunoassay **113**, 353

Sex determination; Ancient DNA, Molecular anthropology, Amelogenin **113**, 87

Sex determination; Identification, Femur, Discriminant analysis **113**, 315

Short tandem repeat (STR) loci; Identification, Evidence value, Coancestry coefficient **113**, 63

Short tandem repeats; HUMCSF1PO, HUMF13A01, HUMFES/FPS, D12S391, Population genetics, Spain **113**, 21

Short tandem repeats; Y chromosome, Database, PCR **113**, 43

Sildenafil; LC-MS, Tandem mass spectrometry, Mass spectra libraries, Drugs, Lorazepam **113**, 339

Skin temperature; Postmortem cooling, Temperature decrease rate **113**, 219

Skull; Brain, Identification, DNA typing, PCR, Bones **113**, 91

Solid-phase extraction; Benzodiazepines, Gas chromatography–mass spectrometry **113**, 367

Spain; Short tandem repeats, HUMCSF1PO, HUMF13A01, HUMFES/FPS, D12S391, Population genetics **113**, 21

Spongiform leukoencephalopathy; Heroin, Hypoxic/ischemic brain damage, Receptor, Stroke, Transverse myelopathy **113**, 435

Stain identification; Mitochondrial DNA, STR, Strangulation tools, Firearms **113**, 71

Starvation; Persistent vegetative state, Withdrawal of gastric feeding tubes **113**, 505

STR; Autopsy, Klinefelter's syndrome, DNA analysis, Amelogenin **113**, 119

STR; D1S1656, D12S391, D18S51, Forensic, Multiplex **113**, 17

STR; DNA, Population study, Jat Sikhs, N. India, Forensic science **113**, 29

STR; HumACTBP2, Population genetics, Sequencing, Mutation **113**, 39

STR; Mitochondrial DNA, Stain identification, Strangulation tools, Firearms **113**, 71

Strangulation tools; Mitochondrial DNA, STR, Stain identification, Firearms **113**, 71

Stroke; Heroin, Hypoxic/ischemic brain damage, Receptor, Spongiform leukoencephalopathy, Transverse myelopathy **113**, 435

STRs; VWA locus, Sequence variation, Primates **113**, 9

STR-haplotype; Y-Chromosome, Database, Multiplex **113**, 47

STR-marker; Identification, PCR–SSP, TaqMan PCR, Mitochondrial DNA, Fragmentary tissue **113**, 79

Sudden death; Papillary fibroelastoma, Coronary embolism, Myocardial infarction **113**, 209

Sudden death; Pontocerebellar hypoplasia, Brain pathology, Infant pathology **113**, 165

Sudden infant death syndrome; Insulin-like growth factor system (IGF-I, -II -IR), Internal organ growth **113**, 199

Suicide; Insulin, β-Blocker, Pulmonary thrombembolism, Hypoglycemia, Lethal **113**, 457

Suicide attempt; Psycho-socio-cultural factors **113**, 297

Surface ionization organic mass spectrometry; Sarin terrorism, Arsenic poisoning, Cryogenic oven trapping **113**, 331

Surfactant apoprotein A; Forensic pathology, Quantitative reverse transcription-PCR, TaqMan fluorogenic detection system, Real-time PCR **113**, 127

Survival time; C-reactive protein, Immunohistochimistry, Forensic pathology **113**, 177

Tandem mass spectrometry; LC-MS, Mass spectra libraries, Drugs, Lorazepam, Sildenafil **113**, 339

Tandem-mass spectrometry; LC/MS, Cannabinoids, Glucuronide, Urine analysis **113**, 381

TaqMan fluorogenic detection system; Forensic pathology, Quantitative reverse transcription-PCR, Surfactant apoprotein A, Real-time PCR **113**, 127

TaqMan PCR; Identification, PCR–SSP, Mitochondrial DNA, STR-marker, Fragmentary tissue **113**, 79

Temperature decrease rate; Skin temperature, Postmortem cooling **113**, 219

Thermocoagulated blood; Forensic toxicology, Carboxyhemoglobin, Gas chromatography/mass spectrometry, Bone marrow **113**, 375

Three-dimensional photorealistic documentation in colour; 3-D wound measurement, Animated model, Reconstruction **113**, 289

Threshold values; Risk assessment, Analytical toxicology, Forensic toxicology, Drugs and driving, Interpretation **113**, 323

Tire tracks; Patterned injuries, Forensic photogrammetry, 3-D CAD, Forensic documentation, Morphologic fingerprint **113**, 281

Toluene; Neurotoxicant, Astrocyte, Pathology, Rat brain, Neurotrophic factor **113**, 233

Toxicological analysis; Melperone, Fatal intoxication, Plasma level **113**, 409

Transplantation; Cornea, Organ culture, Intermediate **113**, 495

Transverse myelopathy; Heroin, Hypoxic/ischemic brain damage, Receptor, Spongiform leukoencephalopathy, Stroke **113**, 435

Tumour necrosis factor alpha; Proinflammatory cytokines, Interleukin-1β, Interleukin-6, Wound age, Vitality **113**, 251

Urine analysis; LC/MS, Tandem-mass spectrometry, Cannabinoids, Glucuronide **113**, 381

VCAM-1; ICAM-1, Selectins, Wound age, Immunohistochemistry **113**, 173

Vitality; Proinflammatory cytokines, Interleukin-1β, Interleukin-6, Tumour necrosis factor alpha, Wound age **113**, 251

VWA locus; STRs, Sequence variation, Primates **113**, 9

Withdrawal of gastric feeding tubes; Persistent vegetative state, Starvation **113**, 505

Wound age; ICAM-1, VCAM-1, Selectins, Immunohistochemistry **113**, 173

Wound age; Proinflammatory cytokines, Interleukin-1β, Interleukin-6, Tumour necrosis factor alpha, Vitality **113**, 251

Wound examination; Forensic pathology, Cell biological methods **113**, 153

Y chromosome; Short tandem repeats, Database, PCR **113**, 43

Y-Chromosome; STR-haplotype, Database, Multiplex **113**, 47